
Vermont Yankee Nuclear Decommissioning
Citizen Advisory Panel Meeting

DEC Oversight Status

December 6, 2021
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Vermont DEC WMPD

Vermont DEC

Waste Management and Prevention Division



DEC Work

Ensure adherence to the 3/2/2018 Memorandum of Understanding between NorthStar and the State through:

- Ongoing meetings and site visits
- Environmental sampling performed by H&A and State technical contractor, Atlas/ATC
- Permit review
- Report review
- Workplan review

Environmental Sampling

- Quarterly groundwater sampling continues and is scheduled again for December 14, split sampling conducted by Atlas Technical Consulting (formerly ATC) under contract to DEC
 - No area-wide groundwater contamination for non-radiological compounds
 - Split samples verified H&A reported results

Environmental Sampling

continued

- Extraction well samples have shown no rad or non-rad contamination above standards, so this clean groundwater has been discharged to the CT River as permitted
- Sampling continues and is performed prior to discharge of pumped groundwater
- First soil split samples will be performed on December 12. This will be from under the concrete floor of Cooling Tower #1

Reviews & Permits

- The DEC and VDH reviewed and approved the Non-Radiological Data Evaluation Report
- Potable water system modification permit was approved
- The construction permit was approved
- H&A is drafting the Stream Alteration Permit application for cooling water intake and exit structures, no stream bank alteration other than restoration after removals
 - DEC – individual permit will be reviewed once received
 - US Army Corps of Engineers – ‘insignificant activity’ General Permit

Ongoing Work

- Asbestos abatement is largely complete as building equipment and interiors have been removed. Atlas/ATC did not report significant anomalies during abatement observation site visits. No abatement observation site visits were performed this quarter
- Pre-demolition building material characterization is ongoing. This is used to determine demolition debris disposal.
 - No TSCA regulated levels of PCBs have been found

DEC Future Work

- Continue reviews of work plans, environmental permits, disposal documents, sample results, corrective action plans, site remediation and anything else submitted by H&A or VYNorthStar
- Use tech support contractor for
 - Split sampling of soil and groundwater
 - Submittal reviews
- Will continue with site visits and teleconferences to track progress
- Will continue to report at NDCAP meetings